		A'A
	Application No.	Applicant(s)
	10/663,051	MA ET AL.
Notice of Allowability	Examiner	Art Unit
	Eugene Lee	2815
The MAILING DATE of this communication apperall claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this apported or other appropriate communication GHTS. This application is subject to	plication. If not included will be mailed in due course. THIS
1. This communication is responsive to <u>10/13/05</u> .		
2. X The allowed claim(s) is/are 1-5,7-10,12,13,15-19,21-24,26,	27,29-33,35-38,41 and 42.	
3.	been received. been received in Application Nocuments have been received in this of this communication to file a reply ENT of this application. itted. Note the attached EXAMINER as reason(s) why the oath or declarate to be submitted. on's Patent Drawing Review (PTO-18 Amendment / Comment or in the Comment or in the Comment of BIOLOGICAL MATERIAL is it of BIOLOGICAL MATERIAL is	national stage application from the complying with the requirements S AMENDMENT or NOTICE OF ation is deficient. 948) attached Office action of the back) of (d). must be submitted. Note the
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/O Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. Interview Summary Paper No./Mail Da 98), 7. Examiner's Amend	

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DETAILED ACTION

Allowable Subject Matter

- 1. Claims 1 thru 5, 7 thru 10, 12, 13, 15 thru 19, 21 thru 24, 26, 27, 29 thru 33, 35 thru 38, 41, and 42 are allowed.
- 2. The following is an examiner's statement of reasons for allowance: The references of record, either singularly or in combination, do not teach or suggest at least a semiconductor device comprising: a ring shaped region of the first conductivity type extending from a surface of the active region into the active region, wherein the ring shaped structure partially overlaps the first and second stripe shaped source regions and, thus, substantially surrounds the transistor. Williams et al. 5,386,136 discloses a ring shaped P body that totally overlaps the first and second stripe shaped source region, however, this ring shaped P body does not partially overlap the first and second stripe shaped source region as disclosed by applicant's claims.

Regarding claims 32, 33, 35-38, 41, and 42, the references of record, either singularly or in combination, do not teach or suggest at least a method of manufacturing a semiconductor device comprising the steps of: forming a ring shaped region of the first conductivity type extending from a surface of the active region into the active region, wherein the ring shaped structure partially overlaps the first and second stripe shaped source regions and, thus, surrounds the transistor.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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INFORMATION ON HOW TO CONTACT THE USPTO

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Lee whose telephone number is 571-272-1733.

The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on 571-272-1664. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Eugene Lee

December 16, 2005

#JA 2815

SPE Renneth Parker

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